Iowa Department of Administrative Services

Government's Partner in Achieving Results

DAS

Governor Terry E. Branstad
Lt. Governor Kim Reynolds

Mike Carroll, Director

Concept Paper # 231

Name of document to be reviewed: **Software customization services for Medical Review Data for Senior Drivers**

(Please check one item listed in the following two sections)

Document for review and approval:

    __ **Request for Proposal (RFP)**   **X_ Sole Source Procurement**
    __ **Request for Service (RFS)**   __ **Statement of Work**
    __ **Request for Quote (RFQ)**   __ **Staff Augmentation**
    __ **Invitation to Qualify**   __ **Master Agreement Purchase**

NOTE: Sole source procurements will also need authorization from DAS Procurement for this type of purchase. Please also contact DAS Procurement at this location:
http://das.gse.iowa.gov/procurement/solesource%202010.pdf

Document for review only:

    X Master Agreement   __ **Request for Information (RFI)**

Agency:

    RFP Reference #:

    Release Date:

This project is requesting IOWAccess funds: Yes ___   No _X__

NOTE: IOWAccess concept papers are to be sent to Wes Hunsberger (Wes.Hunsberger@iowa.gov) for an internal DAS review.

Projected cost over $50,000?   Yes _X_   No ___

Projected agency staff hours over 750?   Yes ___   No _X_

Project Cost, Funds and Funding Source:

Please list the internal and external resources/costs for the purchase:

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Internal Resources/Costs: Cost Center 631000 will initially pay the contractor. DOT will be reimbursed by the federal grant from NHTSA.

External Resources/Costs: National Highway Traffic Safety Association (NHTSA) Grant DTNH22-12-H-00402 shall reimburse DOT for all contracted costs not to exceed $301,795.

Timelines: Potential three year project

Goal: Enhanced medical review practices.

Background: The Motor Vehicle Division's Office of Driver Services (ODS) was granted an award by the National Highway Traffic Safety Administration (NHTSA) to pilot a program using TransAnalytics (TA) proprietary software to gather cognitive impairment data for drivers. TA owns the intellectual property rights to Enhanced Medical Referral and Evaluation Management System (EMREMS) and Safe Driving Basic (SDB) software requested by ODS in the grant application. TransAnalytics software is specific in nature and was developed specifically to measure cognitive skills data for older drivers. TA was recommended by the American Association of Motor Vehicle Administrators (AAMVA) and approved by NHTSA to customize their software and to partner with Iowa as the first state to pilot the gathering of this data.

TA proposed a 3 year agreement broken down as follows:

Year 1 –development hours to customize software, software licenses	$134,084.00
Optional Year 2 – enhancements, authorization for continued use of licenses	$89,026.00
Optional Year 3 - enhancements, authorization for continued use of licenses	$67,825.00
Total potential commitment	$290,935.00

Iowa DOT has the option to terminate the contract after the pilot period is completed with no further commitment required by either party.

Expected Results:

What are the tangible and intangible benefits of this purchase for this agency and/or state government?

1) *Improve the medical case review process* in Iowa, including delivery of brief, evidence-based screening for cognitive impairment, and 2) better enable the MAB to *provide policy guidance to the Licensing Administrator* regarding the value and consequences of referrals from a range of sources, based on a comparison of performance among those sources. More specifically, we expect to:

- Demonstrate the importance of in-person renewal for detecting age-related functional impairment, and thereby support this practice as a requirement for drivers above a particular age;
- Provide training to counter staff that will result in a more efficient and effective medical case review process; and Improve the number and quality of medical referrals from law enforcement and health care providers, by developing a capability via electronic records to track and report key variables that define case status, and ultimately to provide (or improve) feedback to these sources about the disposition of cases they have referred.

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Can these benefits be quantified in financial terms? If yes, please explain.
No

How will you be more effective as a result of this purchase?
Our staff will have a tool that will result in a more efficient and effective medical case review process.

How will service to your customers be enhanced as a result of this purchase?
A better tool to help Iowa DOT to meet our responsibility for ensuring that licensed drivers in an aging population are functionally capable of performing safely behind the wheel.

Testing and Acceptance: Iowa DOT will identify and contract with a doctorate level traffic safety researcher at an in-state university to whom we'll provide an evaluation plan generated by TransAnalytics, our contractor. Elements to be considered will include but not be limited to measures of success at capture of information relevant to evaluation of medical referrals; ease of system use; adaptability of system to changes in sources, agencies, diagnoses, and outcomes; and perceived utility to Iowa licensing and medical review personnel. This independent evaluation will also examine whether activities undertaken with grant funding have improved our capacity to provide appropriate advice and feedback to law enforcement and medical referral sources, which are judged by Iowa DOT to offer the potential, over time, to improve the quality and quantity of referrals to medical review.

Some of the Interested Parties: Iowa Department of Transportation, NHTSA, TransAnalytics, LLC

Some of the Recipients of this Service: Iowa Department of Transportation, Office of Driver Services, citizens of Iowa.

Standards:

Architecture: It is unknown until TransAnalytics visits our worksite and can see what systems we already have running in order to design the best product for our existing environment. It could be an ACCESS application or written as an additional module to our existing system.

Business Continuity / Disaster Recovery: N/A

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Recommendations from the State CIO:

NOTE: *Where applicable, all DAS GSE Procurement and IA Administrative Code 11-105 and 11-106 requirements and procedures are to be followed. Reference: http://das.gse.iowa.gov/procurement/, specifically: http://das.gse.iowa.gov/procurement/adminrules/.*

Duplication recommendation from the State CIO to the DAS Director:

a) Is there duplication within Government? *(Please identify duplication at the agency level, as well as within the enterprise)*
b) Can an existing program be modified to address a new need?
c) Do you have any similar program in existence?
d) Have you sought IT procurements for similar programs in the past?
e) Do you have purchasing documents for similar programs?
f) Do you have similar purchasing documents that could be used as a starting point for this program?
g) Is there anything you could provide that could assist the agency with this IT procurement?
h) Are there alternatives available to the agencies?

Recommendation of the State CIO to the DAS Director:

Authorize this IT procurement   Yes _X_ No ___
Alternatives suggested by the State CIO
   (see comments below)   Yes ___ No _X_

Additional comments from the State CIO:

> **Concur with proceeding, but DOT will need to achieve approval for the sole source procurement portion of the request.**
>
> **DOT has stated they can do the sole source procurement through the DOT Purchasing Office.**

DAS Director's action:
Authorize this IT procurement   Yes _X_ No ___

DAS Director's signature and date:

The above IT procurement concept approved by Director Carroll on __12/5/12__

(IT procurement over $50,000 portion is approved, the sole source procurement remains under review.)

Comments: **None.**

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